

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Cancelled)
2. (Currently amended) An The optical pickup of Claim 1 comprising:
a base;
a movable part having, an objective lens, a laser diode, and photodetectors; and
a heat dissipating medium provided in a gap between the laser diode and the base,
wherein the device further comprises a first yoke provided on the base, and
wherein the heat dissipating medium is provided in a gap between the first yoke and the
laser diode.
3. (Currently amended) An The optical pickup of Claim 1 comprising:
a base;
a movable part having, an objective lens, a laser diode, and photodetectors; and
a heat dissipating medium provided in a gap between the laser diode and the base,
wherein the heat dissipating medium is a fluid, and
wherein a region having a different wettability to the heat dissipating medium is formed
in a portion of the laser diode which faces the base.
4. (Currently amended) The optical pickup of Claim [[1]] 2, wherein the heat dissipating
medium is deformed in accordance with the motion of the movable part.
5. (Currently amended) The optical pickup of Claim [[1]] 2, wherein the heat dissipating
medium is a ferrofluid.

6. (Original) The optical pickup of Claim 5, wherein the heat dissipating medium is supported by magnetic field.

7. (Currently amended) The optical pickup of Claim ~~[[1]]~~ 2, wherein the heat dissipating medium is viscous.

8. (Currently amended) An ~~The~~ optical pickup ~~of Claim 1~~ comprising:
a base;
a movable part having, an objective lens, a laser diode, and photodetectors; and
a heat dissipating medium provided in a gap between the laser diode and the base,
wherein the device further comprises second yokes provided on both sides of the
movable part,
wherein the second yokes with magnets are connected to the base,
wherein coils are mounted on the movable part, and
wherein the heat dissipating medium is also provided between the magnets and the coils.